

Title (en)

Apparatus and method for generating skeleton-based dynamic picture images as well as medium storing therein program for generation of such picture images

Title (de)

Verfahren und Gerät zur dynamischen Skelettbildenerzeugung sowie Datenträger und Programme zur Erzeugung von solchen Bildern

Title (fr)

Appareil et méthode pour générer des images squelettes dynamiques ainsi que moyens d'enregistrement et programme pour la génération de telles images

Publication

EP 0840256 A2 19980506 (EN)

Application

EP 97118986 A 19971030

Priority

- JP 29059896 A 19961031
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Abstract (en)

Enabling an animation character object, which is pictorially deformed by computer graphics techniques to visually represent human body or animal or the like in the form of a caricature or model, to offer precise and more natural motions at its selected constituent portions that have inherently no joints and no bones by giving thereto joints and skeletons. To this end, apparatus and method for generating skeleton-based animation images in accordance with the principles of the invention include solving means as follows. A face section of a cubic character object is provided with auxiliary skeletons as vertically coupled together. Skeletons are provided which extend from respective endpoints of such auxiliary skeletons and are coupled defining an umbrella shape as a whole. These skeletons are associated with models each consisting of an ensemble of polygons for rendering the character deformable by changing rotation amount of each skeleton. <IMAGE>

IPC 1-7

G06T 15/10

IPC 8 full level

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CPC (source: EP US)

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Cited by

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